

POWER LEVEL #2 > POWER LEVEL #1

POWER LEVEL \propto NUMBER OF EQUIVALENCE CLASSES

FIG. 2

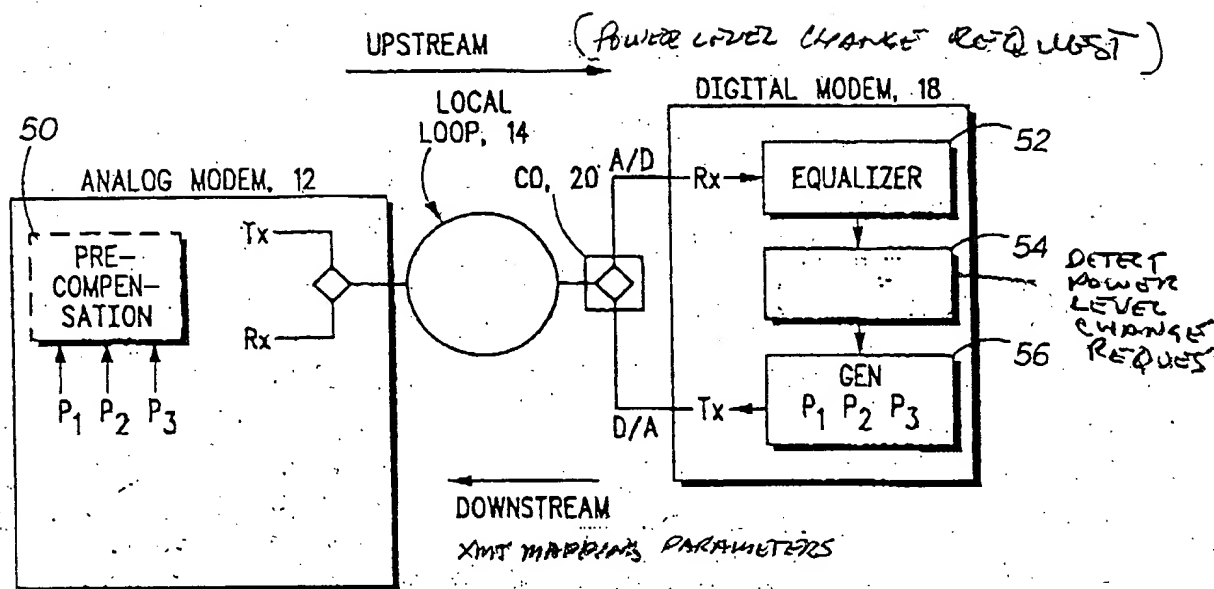


FIG. 3

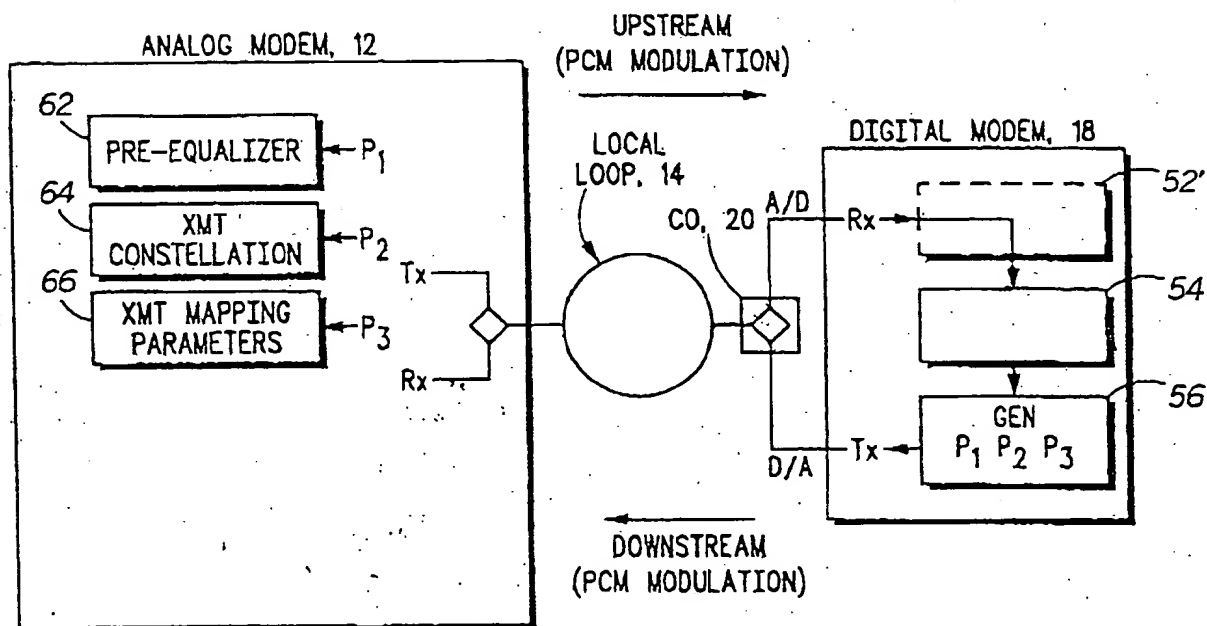
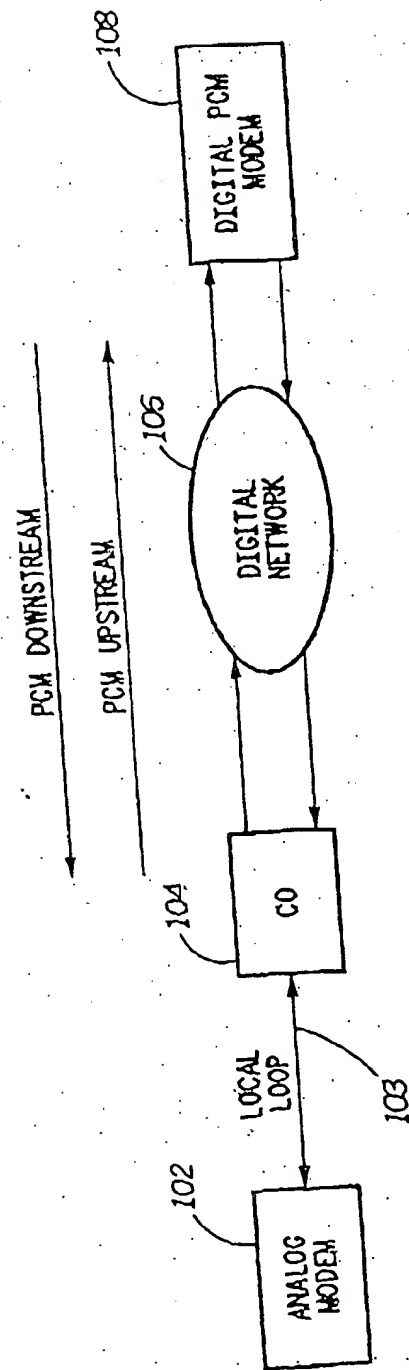


FIG. 4

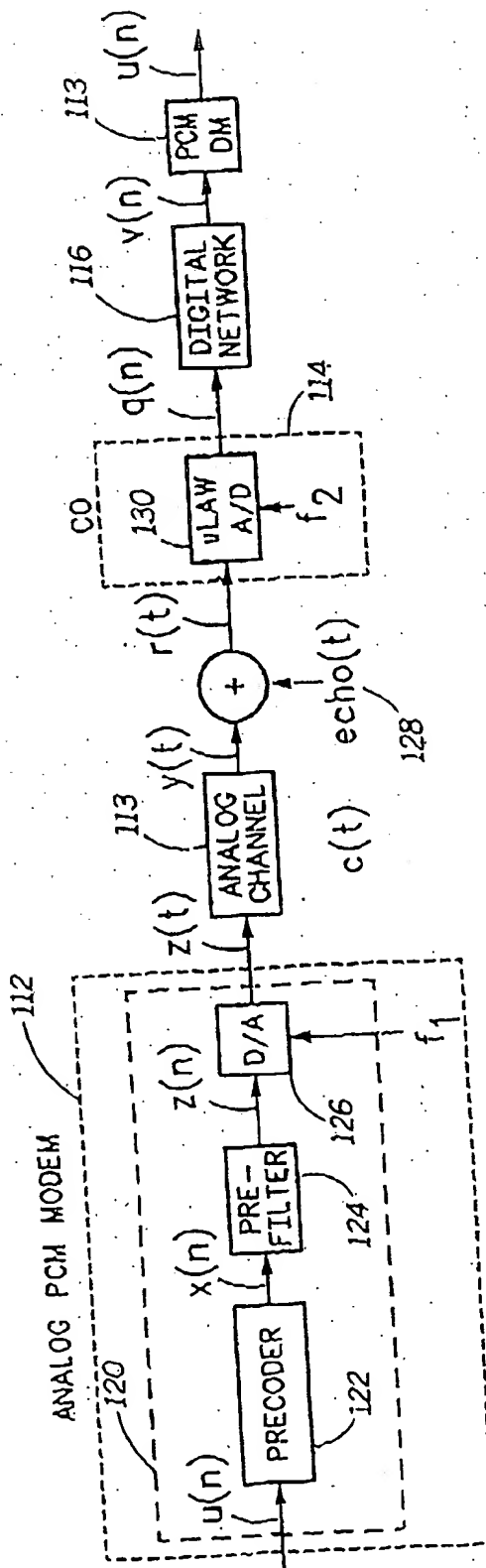
EX020003



100

PRIOR ART

FIG. 5



110

FIG. 6

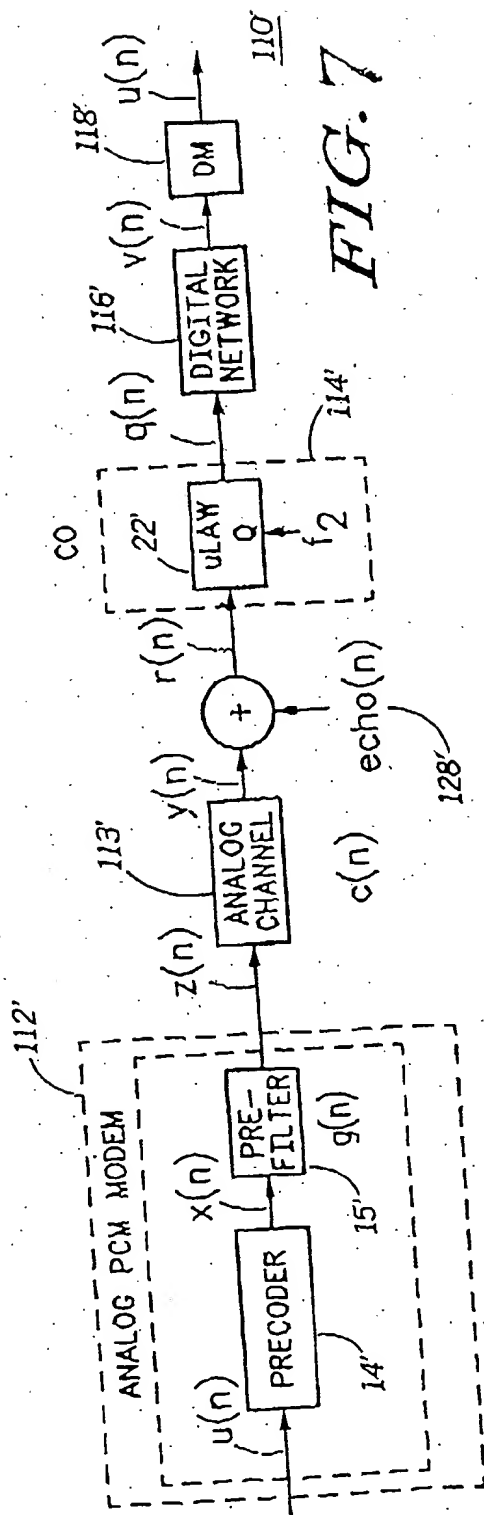


FIG. 7

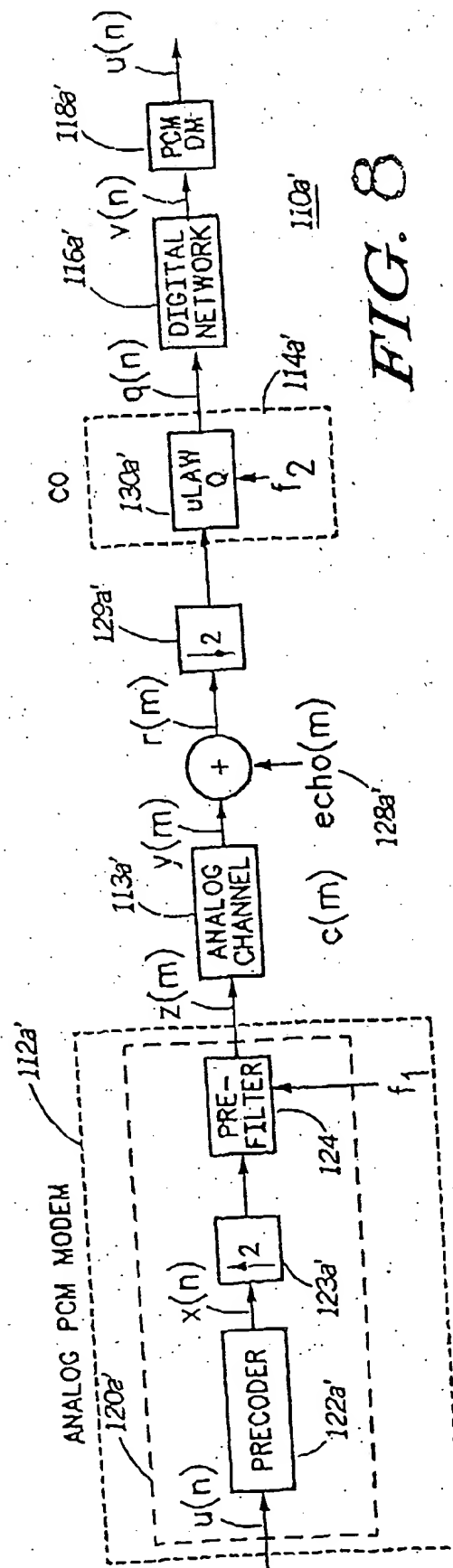
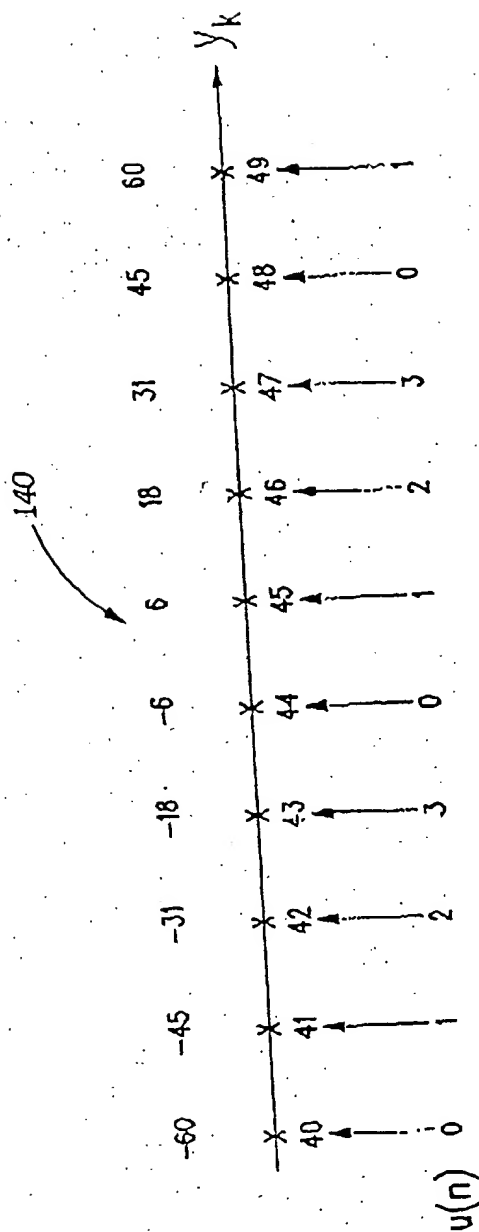


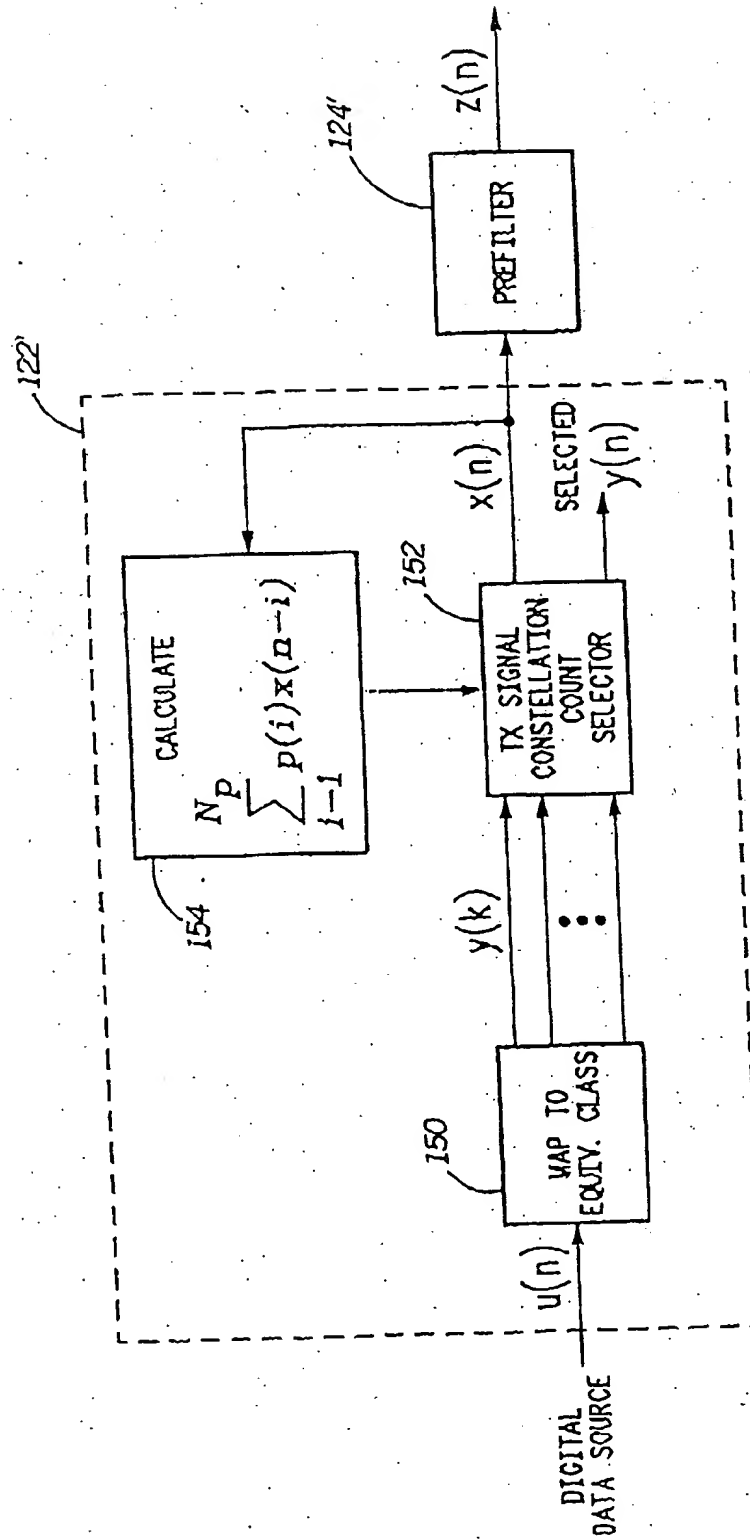
FIG. 8

CX020003



HOW TO CHOOSE EQUIVALENCE CLASS FROM CONSTELLATIONS.
 (ASSUME $u(n)$ CAN BE 0, 1, 2, OR 3 AND y_k CAN BE -60, -45, -31, 60

FIG. 9



BLOCK DIAGRAM HOW PRECODER AND PREFILTER WORKS

FIG. 10

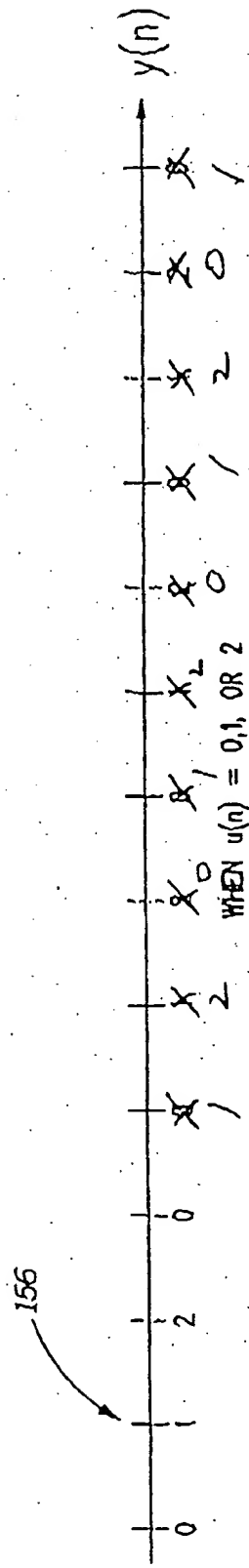


FIG. 11A

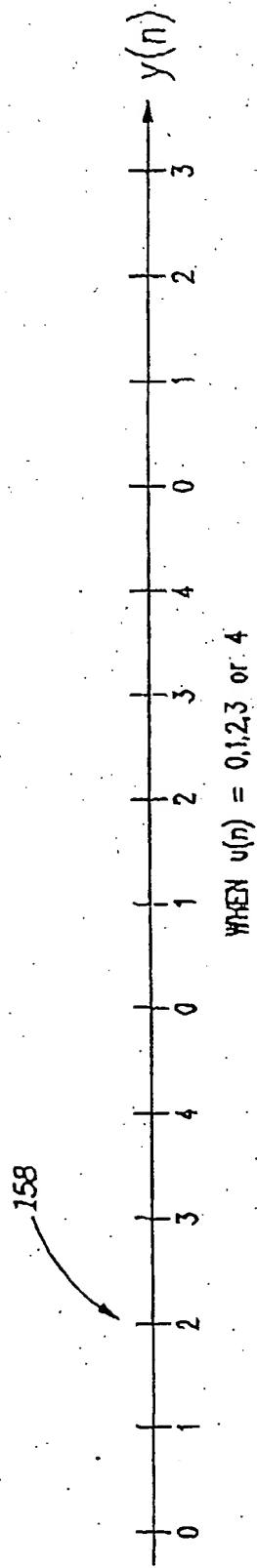


FIG. 11B